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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/761,815	01/20/2004	Charles W. Marsh	017058-0307819	9990

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Pillsbury Winthrop LLP
Intellectual Property Group
Suite 200
11682 El Camino Real.
San Diego, CA 92130-2092

EXAMINER

HARRIS, ANTON B

ART UNIT	PAPER NUMBER
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2831

DATE MAILED: 10/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

AK

Office Action Summary

Application No.

10/761,815

Applicant(s)

MARSH ET AL.

Examiner

Anton B. Harris

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 July 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) 1 are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Applicant's arguments, see pages 5 and 6, filed 15 July 2005, with respect to the rejection(s) of claim(s) 1-13 under 35 U.S.C. 102 have been fully considered and are persuasive. Examiner agrees with Applicant's argument that the molded body does not encapsulate the wiring harness. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Schnell et al. (6,213,612).

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Schnell et al.

Regarding claim 1, Schnell et al. (col. 5, lines 34-67) discloses an electronic assembly, which comprises:

a wiring harness 102;

connectors 106 connected to the wiring harness 102; and,

a molded body (abstract) formed to encapsulate the wiring harness 102 and provide access to the connectors 106.

Regarding claim 2, Schnell et al. (col. 5, lines 34-67) discloses that the molded body (abstract) comprises a plastic material (col. 6, lines 15-18).

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Regarding claim 3, Schnell et al. (col. 5, lines 34-67) discloses a conductive coating (col. 5, lines 30-33) on the outer surface of the molded body (abstract).

Regarding claim 4, Schnell et al. (col. 5, lines 34-67) discloses that the conductive coating (col. 5, lines 30-33) comprises a conductive paint.

Regarding claim 5, Schnell et al. (col. 5, lines 34-67) discloses that the conductive coating (col. 5, lines 30-33) comprises a metallic layer applied to the outer surface of the molded body (abstract).

Regarding claim 6, Schnell et al. (col. 5, lines 34-67) discloses that a mounting fixture 96a, 96b connected to the molded body (abstract).

Regarding claim 7, Schnell et al. (col. 5, lines 34-67) discloses that the mounting fixture 96a, 96b includes a ground connection (abstract).

Regarding claim 8, Schnell et al. (col. 5, lines 34-67) discloses a socket 92 affixed to the molded body (abstract), the socket 92 being connected to the wiring harness 102.

Regarding claim 9, Schnell et al. (col. 5, lines 34-67) discloses that the socket 92 is adapted to receive a relay (not shown).

Regarding claim 10, Schnell et al. (col. 5, lines 34-67) discloses that a relay (not shown) connected to said socket 92.

Regarding claim 11, Schnell et al. (col. 5, lines 34-67) discloses that shielding (figure 8) for said wiring harness 102 is encapsulated within the molded body (abstract).

Regarding claim 12, Schnell et al. (col. 5, lines 34-67) discloses that said shielding (figure 8) includes a conductive material surrounding the wiring harness 102.

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Regarding claim 13, Schnell et al. (col. 5, lines 34-67) discloses that said connectors 106 are molded into the molded body (abstract).

Regarding claim 14, Schnell et al. (col. 5, lines 34-67) discloses that said wiring harness 102 includes a plurality of ends (figure 8) that are each connected to one of said connectors 106.

Regarding claim 15, Schnell et al. (col. 5, lines 34-67) discloses that said wiring harness 102 includes three ends (figure 8).

Regarding claim 16, Schnell et al. (col. 5, lines 34-67) discloses that the mounting fixtures 96a, 96b are molded into the molded body (abstract).

Regarding claim 17, Schnell et al. (col. 5, lines 34-67) discloses an electronic assembly comprising:

- a plurality of connectors 106;
- a wiring harness 102 connected to said plurality of connectors 106, and
- a molded body (abstract) formed to encapsulate said wiring harness 102 and to cover a portion of each of said plurality of connectors 106,

wherein said molded body (abstract) has sufficient strength and hardness to act as a frame that is configured to firmly hold said plurality of connectors 106 and said wiring harness 102 as one piece.

Regarding claim 18, Schnell et al. (col. 5, lines 34-67) discloses that said molded body (abstract) includes a base portion (figure 8) that extends between said plurality of connectors 106.

Regarding claim 19, Schnell et al. (col. 5, lines 34-67) discloses a plurality of mounting fixtures 96a, 96b that are molded into the molded body (abstract).

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Regarding claim 20, Schnell et al. (col. 5, lines 34-67) discloses an electronic assembly comprising:

a plurality of connectors 106;

a wiring harness 102 connected to said plurality of connectors 106, and

a molded body formed to encapsulate said wiring harness 102 and to cover a portion of each of said plurality of connectors 106, said molded body (abstract) including a base portion (figure 8) that extends between said plurality of connectors 106.

Response to Arguments

4. Applicant's arguments with respect to claims 1-13 have been considered but are moot in view of the new ground(s) of rejection.

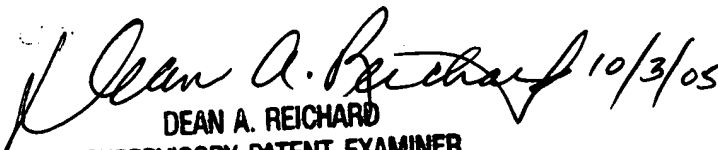
Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anton B Harris whose telephone number is (571) 272-1976. The examiner can normally be reached on weekdays from 8:30am to 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Dean Reichard, can be reached on (571) 272-2800 ext 31. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

abh

9/30/05


DEAN A. REICHARD
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800